



Level 2 - Semester 2

ITE 2152– Introduction to Mobile Application Development

Bachelor of Information Technology (External Degree)

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Assignment 02

Mini Project

Submitted By:

Name: G.M.K.V.N. Srimal

Index Number: E2041056

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I. Introduction

From the beginning of the technology revolution, So far we have come to smart era. Today everything is smart. So most of the people use smartphones. So we have think of a better app to record vehicle information and show guidance for how to ride or drive. It will help to people who are beginner at level of owning and running a vehicle.

II. About The Application

II.1 Features

These are the major features of this Android Application.

- Record Vehicle Information
- Multiple Vehicles Can be Added
- Support to Cars and Motorcycles
- Record License Details
- Record Insurance Details
- Record Service Details
- View Motorcycle Riding Tips
- View Car Driving Tips

II.2 Logo



Figure II-1: App Logo

III. User Guide

III.1 HomePage – Select Vehicle

This is the main page of the app. Here it shows vehicles that are already added to app database. And those are clickable. If you need to add new vehicle there is a button to redirect that page

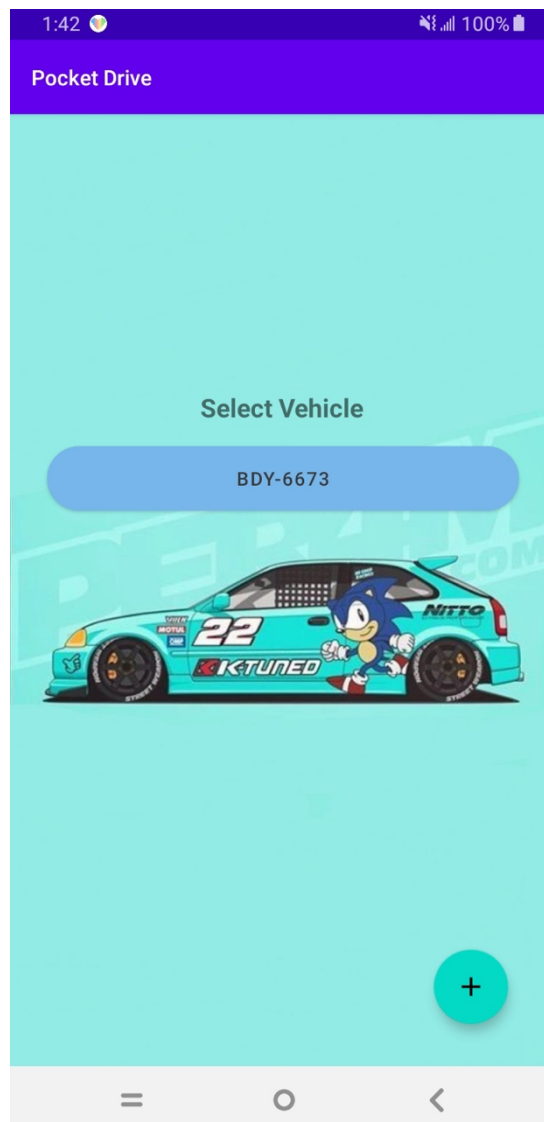


Figure III-1: Homepage

III.2 Add New Vehicle

Here user can add new vehicle record to the database. Success toast message will appear if insert is successful. Saved vehicles will be shown on main page

1:42 100%

← Add New Vehicle

Add New Vehicle

Vehicle Number

Vehicle Model

Chassis Number

Engine Number

Vehicle Type

☐ Motor Cycle ☐ Car

Fuel Type

Petrol

ADD NEW VEHICLE

= ○ <

Figure III-2: Add New Vehicle

III.3 Vehicle Menu

There are two options user can select. First My Records it will lead to detailed information of vehicle. Second one name Guidebook lead to Driving/Riding Tips page

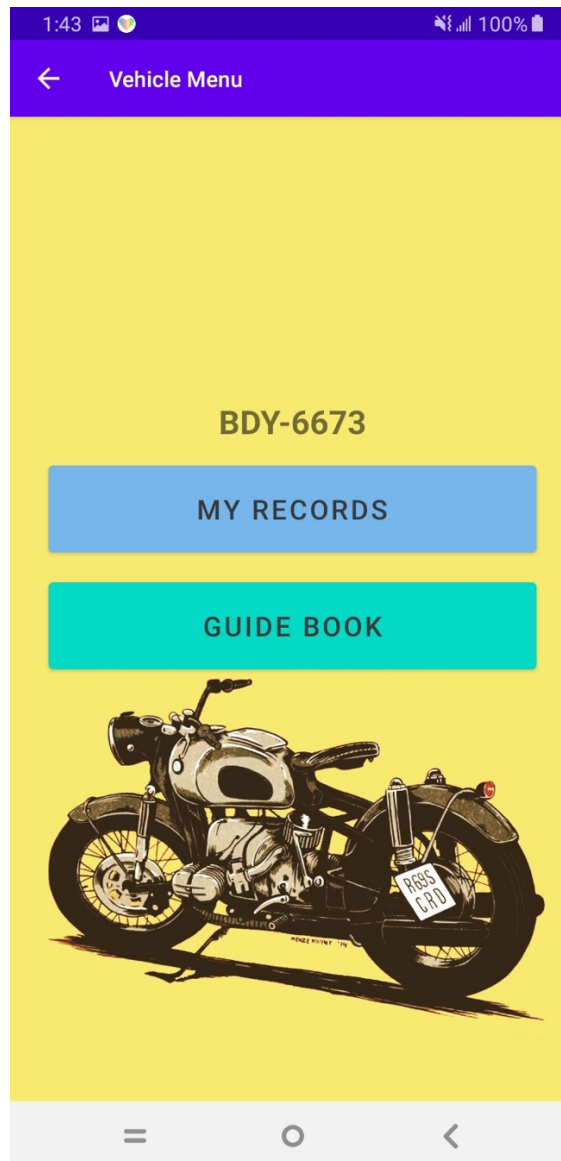


Figure III-3: Vehicle Menu

III.4 My Records

Show detailed report of Selected vehicle and there are buttons to update license/insurance/service records

The screenshot displays a mobile application interface for managing vehicle records. At the top, a purple header bar contains a back arrow and the title 'My Vehicle Records'. Below this, the 'Vehicle Information' section lists details for a Toyota CHR, including its vehicle number (BDY-6673), chassis number (12356789078CH), fuel type (Petrol), and engine number (73736362899ENG). The 'Essential Information' section follows, with fields for vehicle license, insurance, and services, each showing renewal and validity dates. At the bottom, three blue buttons are provided to add new records for license, insurance, and services. The interface is set against a light gray background with a white status bar at the top showing the time as 1:43 and 100% battery.

Vehicle Information	
Vehicle Number:	Vehicle Model:
BDY-6673	Toyota CHR
Chassis Number:	Engine Number:
12356789078CH	73736362899ENG
Fuel Type:	Vehicle Type:
Petrol	Car



Essential Information	
Vehicle License:	
Renewed On	Valid Until
Vehicle Insurance:	
Renewed On	Valid Until
Vehicle Services:	
Serviced On	Next Service


ADD NEW LICENSE RECORD

ADD NEW INSURANCE RECORD

ADD NEW SERVICE RECORD

Figure III-4: My Records -1

1:46

 My Vehicle Records

Vehicle Information

Vehicle Number:	Vehicle Model:
BCU-8946	Demak DTM
Chassis Number:	Engine Number:
76544389920	3739292929EN
Fuel Type:	Vehicle Type:
Petrol	Motor Cycle

Essential Information

Vehicle License:

Renewed On	Valid Until
20/11/2022	26/11/2022

Vehicle Insurance:

Renewed On	Valid Until
24/11/2022	24/11/2023

Vehicle Services:

Serviced On	Next Service
10/11/2022	15/3/2023

ADD NEW LICENSE RECORD

ADD NEW INSURANCE RECORD

ADD NEW SERVICE RECORD




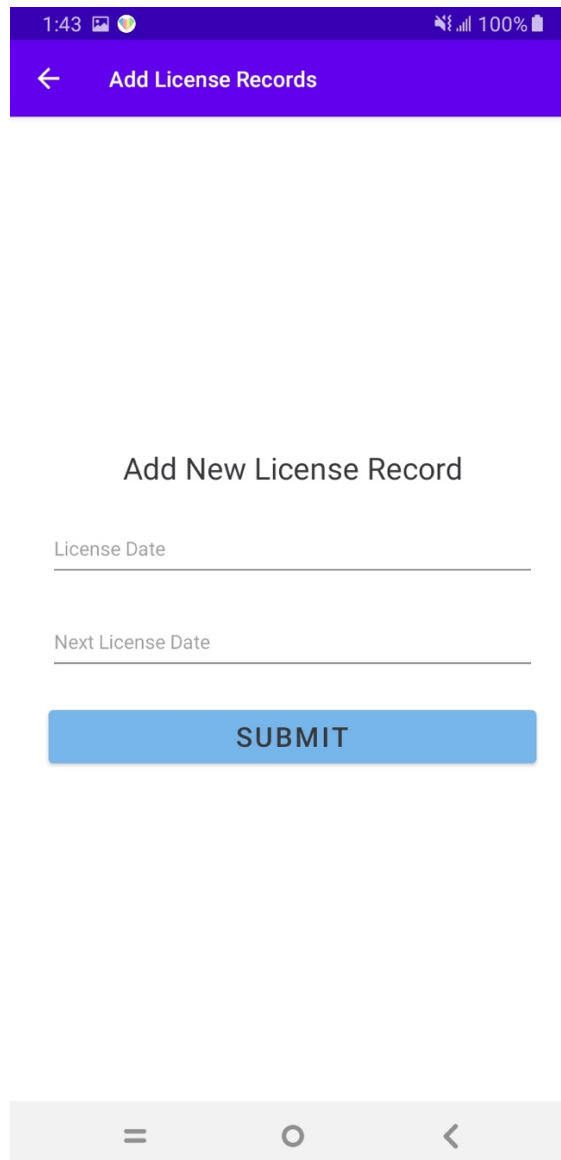


Figure III-5: My Records -2

III.5 Add New License Record

Add recent licensed date and next license date



The screenshot shows a mobile application interface for adding a new license record. At the top, there is a status bar with the time 1:43, signal strength, and 100% battery. Below the status bar is a purple header bar with a white back arrow and the text "Add License Records". The main content area has a white background with the title "Add New License Record" in bold. Below the title are two text input fields: "License Date" and "Next License Date". Below these fields is a blue button with the text "SUBMIT". At the bottom of the screen is a gray navigation bar with three icons: an equals sign, a circle, and a less-than sign.

Figure III-6: Add New License

III.6 Add New Insurance Record

Add recent licensed date and next license date

1:43

← Add Insurance Records

100%

Add New Insurance Record

Insured Date

Insurance Expire Date

SUBMIT

= ○ <

Figure III-7: Add New Insurance -1

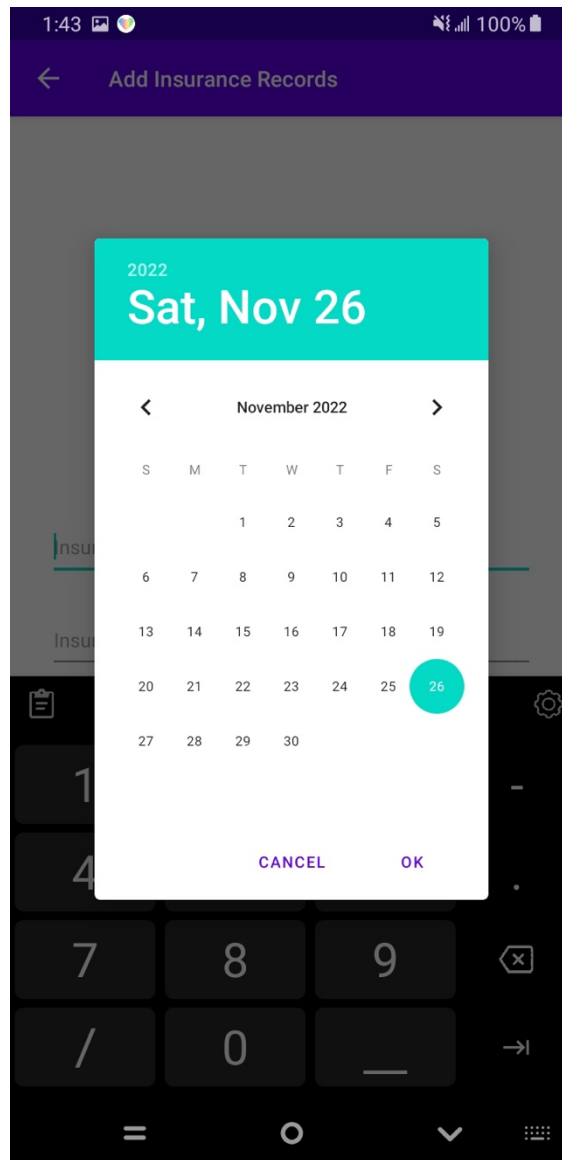


Figure III-8: Add New Insurance -2

III.7 Add New Service Record

Add recent services date and next service date

1:43

← Add Service Records

Add New Service Record

Last Service Date

Next Service Date

SUBMIT

= ○ <

Figure III-9: Add New Service

III.8 Guide Book for Motor Cycle

Here user can view important tips and tricks of how to ride a motorcycle

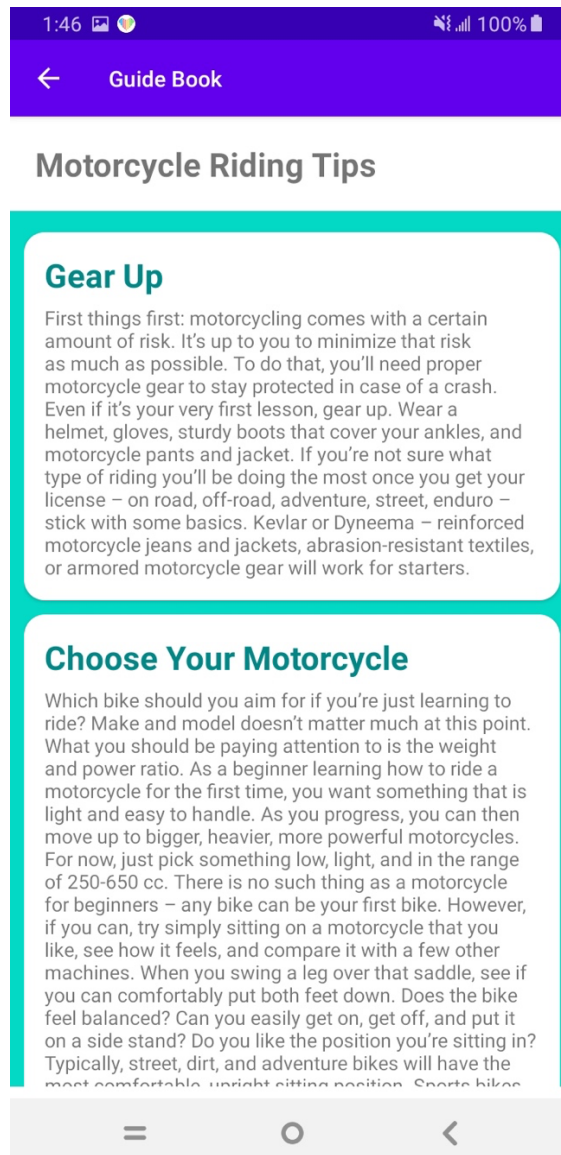


Figure III-10: Motorcycle Guidebook

III.9 Guide Book for Car

Here user can view important tips and tricks of how to drive a car

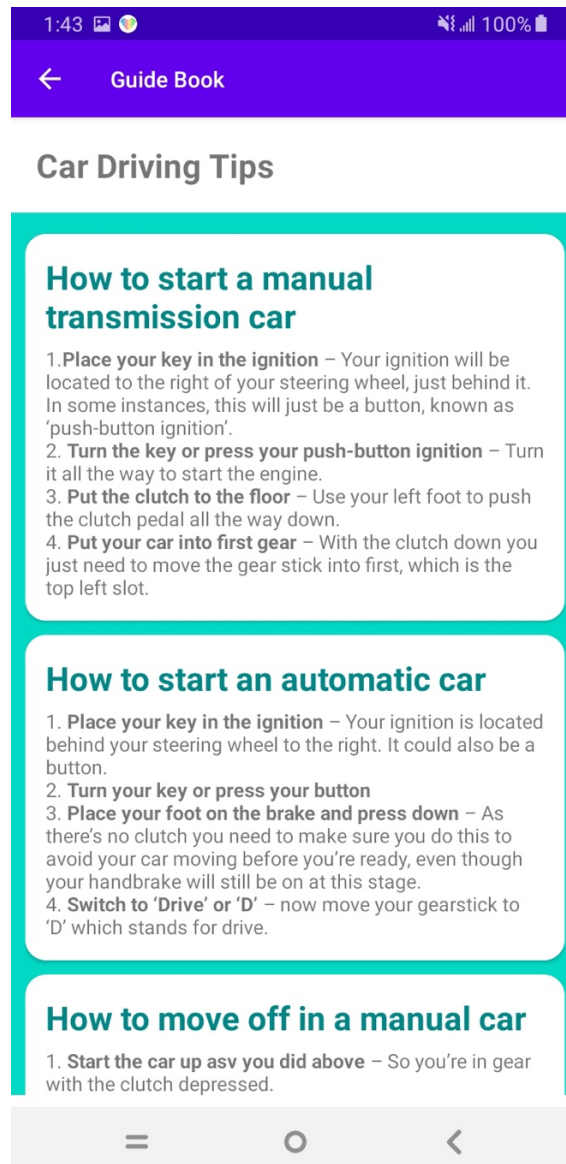


Figure III-11: Car Guidebook

END

